

**DETAILED ACTION**

***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 1-4 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In particular, claim 1 recites the limitations "said chemical dispenser", "the flushing water", and "the water storage tank". There is insufficient antecedent basis for these limitations in the claim. Claims 2-4 are rejected for being dependent from claim 1.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-4 are rejected under 35 U.S.C. 102(b) as being anticipated by Gray (US 3,890,657).

Regarding Claim 1, The Gray reference discloses a toilet chemical dispenser comprising: a chemical storage chamber 26, a mounting apparatus 28 being mounted

on the water storage tank 10, and a dispensing mechanism 44 allowing a predetermined amount of chemicals to be released as claimed.

Regarding Claim 2, The *Gray* reference discloses a toilet chemical dispenser comprising: a dispensing mechanism 44 including a float 33/52/54 as claimed.

Regarding Claim 3, The *Gray* reference discloses a toilet chemical dispenser comprising: a dispensing mechanism 44 (including 30, 52, and 54) which is operative by water flow pressure (column 4, lines 35-45) change in the water storage tank 10.

Regarding Claim 4, The *Gray* reference discloses a toilet chemical dispenser comprising: an apparatus 52/54 producing an increase in pressure within the dispensing mechanism 44/42, dispensing mechanism 44 dispenses a predetermined amount of chemicals into flushing water (column 3, line 68) as claimed.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ERIN YOKAY whose telephone number is (571)270-7429. The examiner can normally be reached on Monday through Thursday 7:30-5:00, Every other Friday 7:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dmitry Suhol can be reached on 5712724430. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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